

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047210.D
 Acq On : 01 Aug 2025 16:44
 Operator : JC/MD
 Sample : Q2744-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

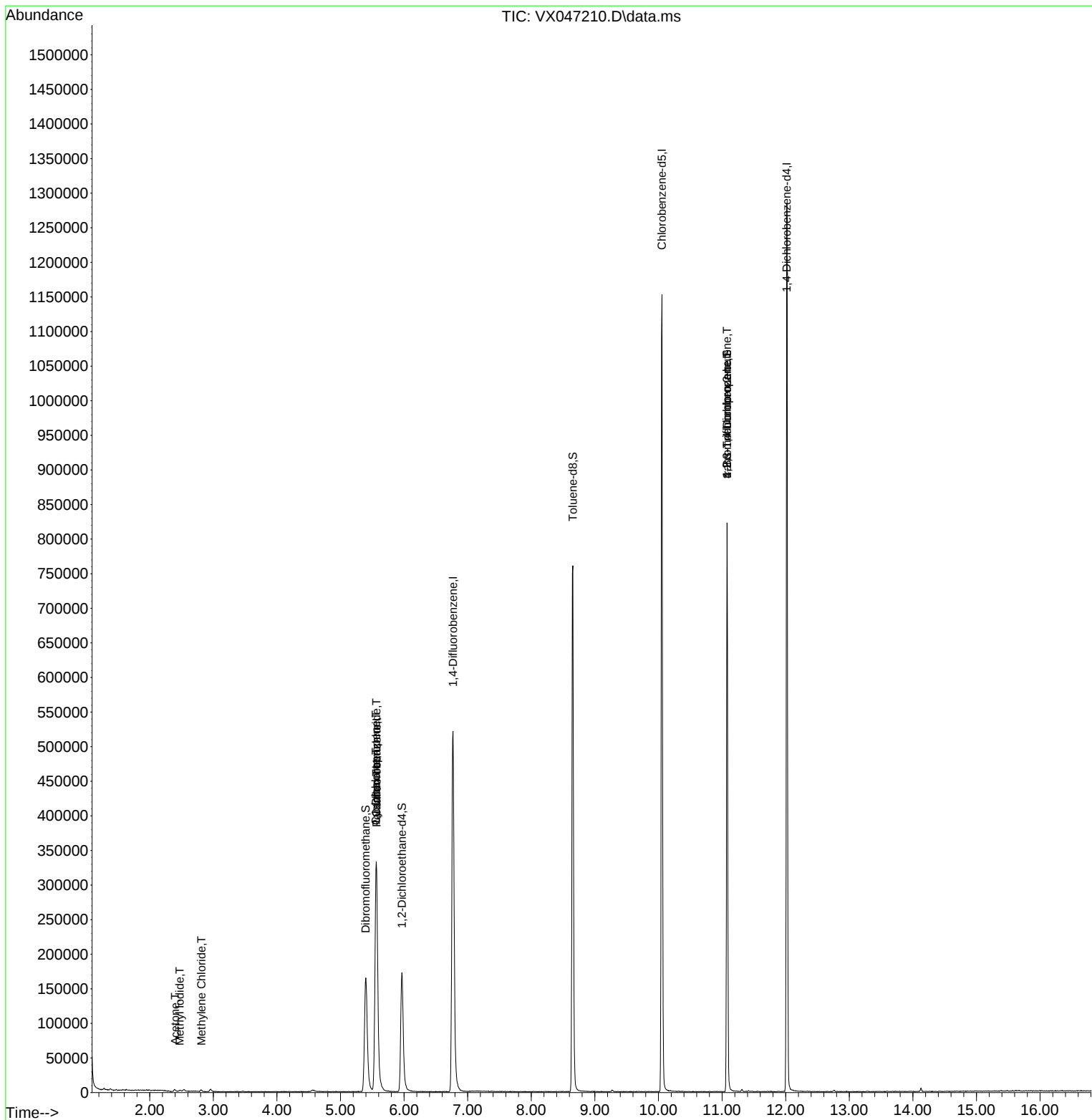
Quant Time: Aug 02 00:27:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

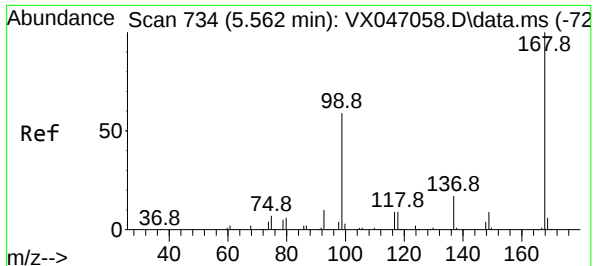
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.568	168	333389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	565049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	508954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	259776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	181771	43.769	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.540%		
35) Dibromofluoromethane	5.397	113	157423	45.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.240%		
50) Toluene-d8	8.653	98	472391	41.810	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	83.620%#		
62) 4-Bromofluorobenzene	11.079	95	220529	45.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.580%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	2688	0.623	ug/l #	91
11) Tert butyl alcohol	2.971	59	999	Below Cal	#	72
16) Acetone	2.398	43	3644	2.190	ug/l	92
20) Methylene Chloride	2.812	84	1159	0.253	ug/l #	60
31) Cyclohexane	5.556	56	7478	0.963	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	28234	4.748	ug/l #	50
38) Carbon Tetrachloride	5.562	117	35969	5.667	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	114673	23.849	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	114673	61.444	ug/l #	8

(#) = qualifier out of range (m) = manual integration (+) = signals summed

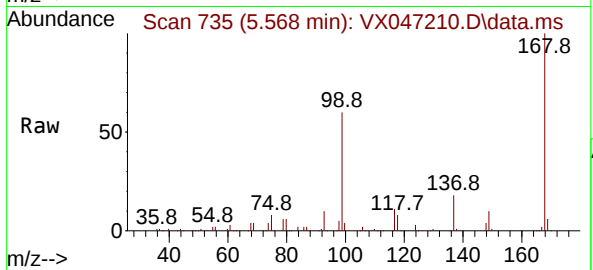
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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



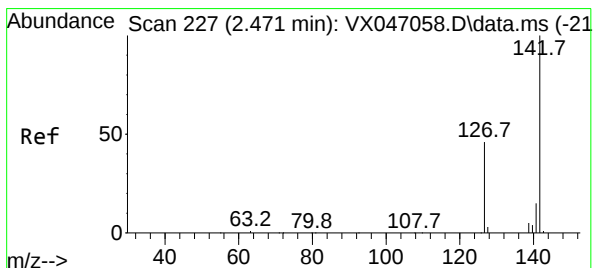
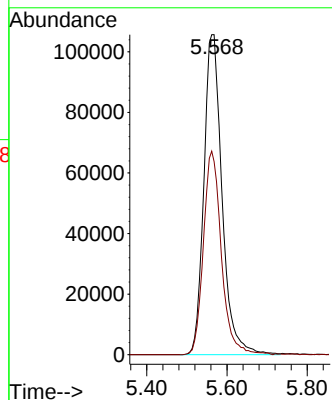
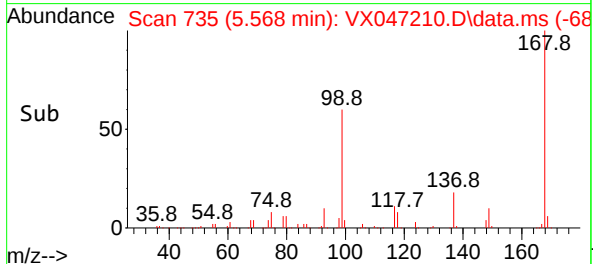


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :

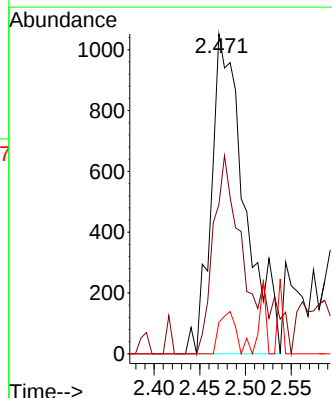
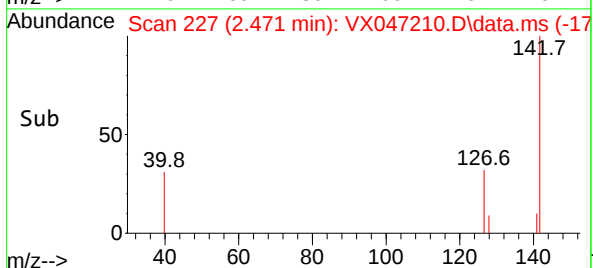
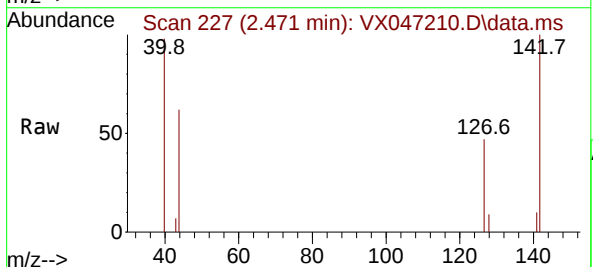


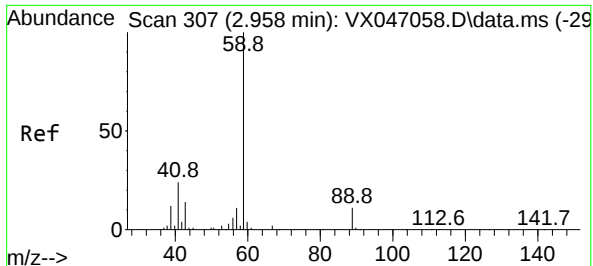
Tgt Ion:168 Resp: 333389
Ion Ratio Lower Upper
168 100
99 60.3 48.0 72.0



#10
Methyl Iodide
Concen: 0.623 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

Tgt Ion:142 Resp: 2688
Ion Ratio Lower Upper
142 100
127 50.3 36.6 54.8
141 6.9 10.9 16.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.971 min Scan# 307

Delta R.T. 0.013 min

Lab File: VX047210.D

Acq: 01 Aug 2025 16:44

Instrument :

MSVOA_X

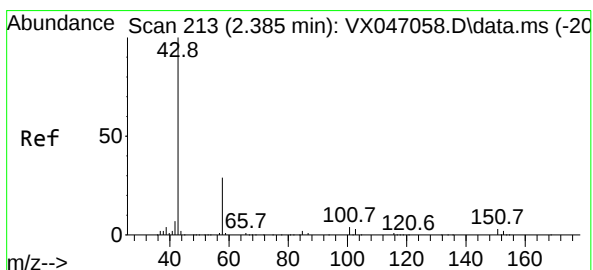
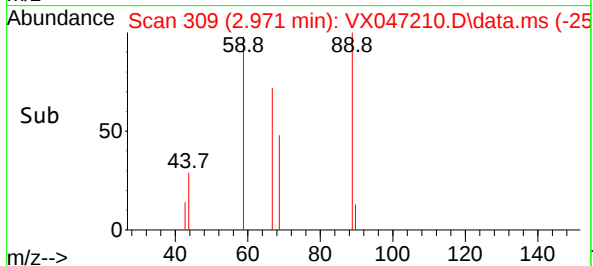
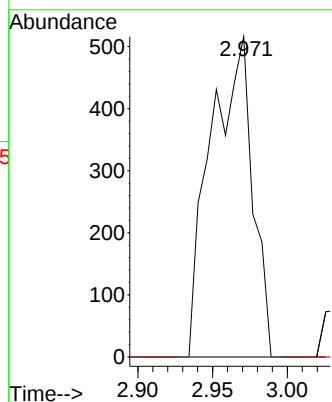
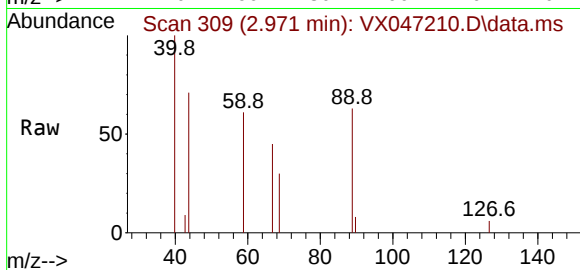
ClientSampleId :

Tgt Ion: 59 Resp: 999

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 2.190 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX047210.D

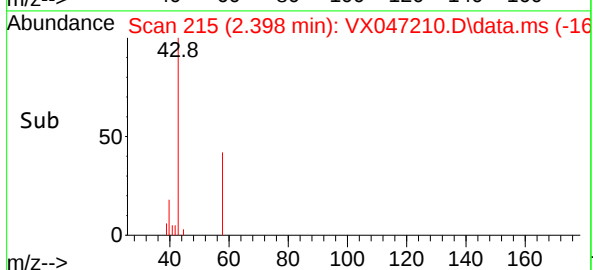
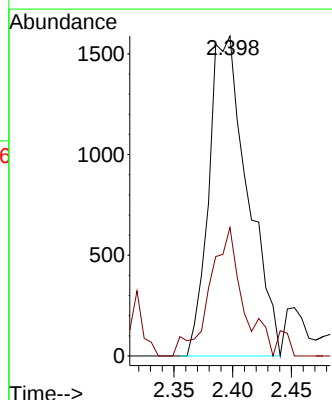
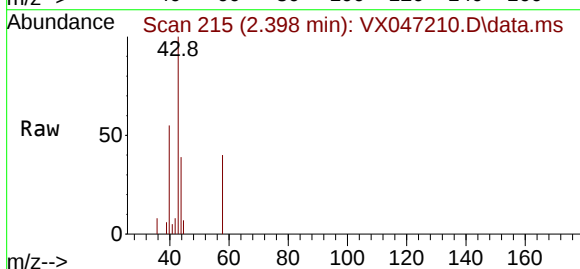
Acq: 01 Aug 2025 16:44

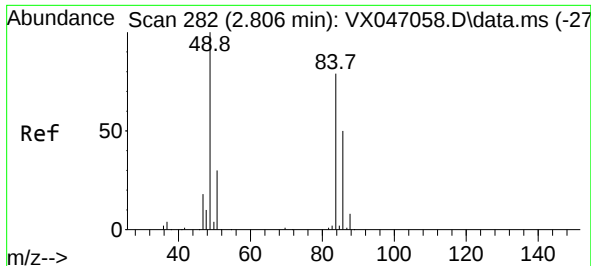
Tgt Ion: 43 Resp: 3644

Ion Ratio Lower Upper

43 100

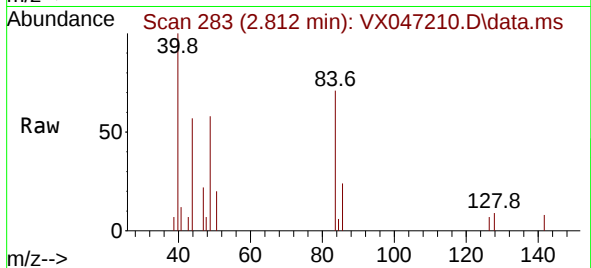
58 34.1 24.0 36.0



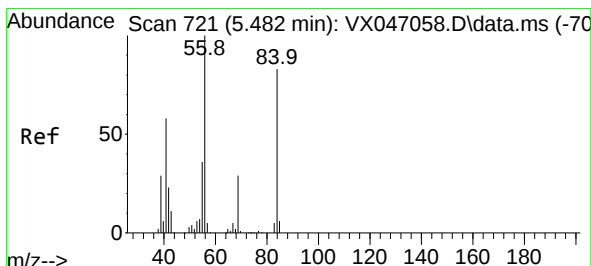
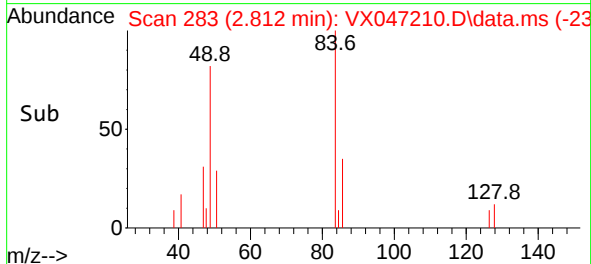
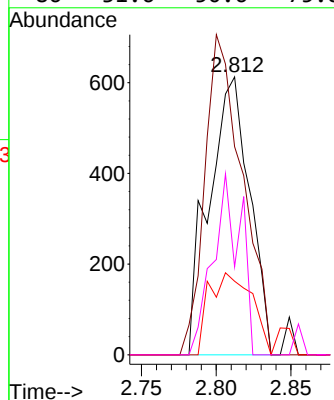


#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 2.812 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :

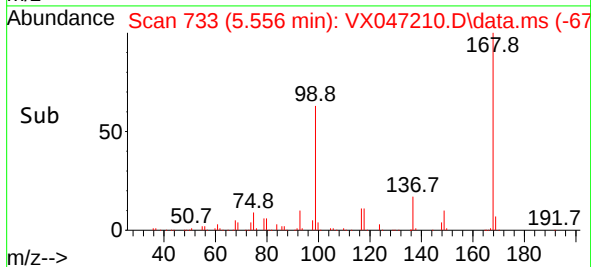
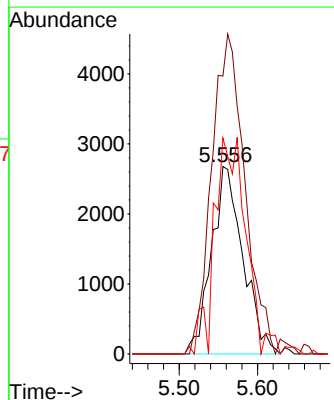
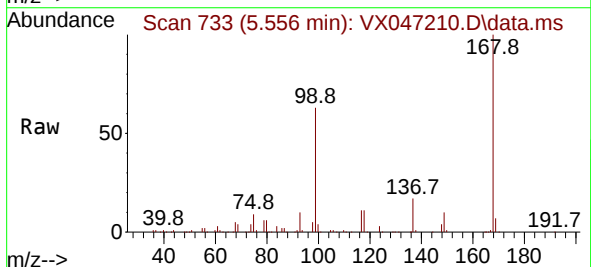


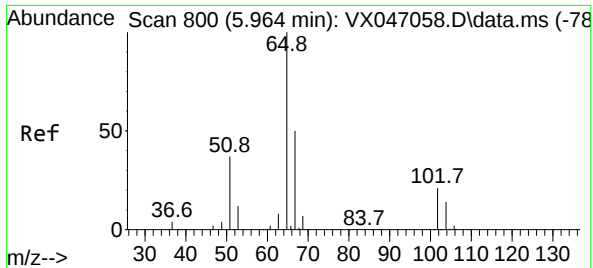
Tgt Ion:	84	Resp:	1159
Ion	Ratio	Lower	Upper
84	100		
49	74.9	101.6	152.4#
51	26.4	30.3	45.5#
86	31.6	50.6	75.8#



#31
Cyclohexane
Concen: 0.963 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

Tgt Ion:	56	Resp:	7478
Ion	Ratio	Lower	Upper
56	100		
69	148.2	23.3	34.9#
84	115.1	66.5	99.7#

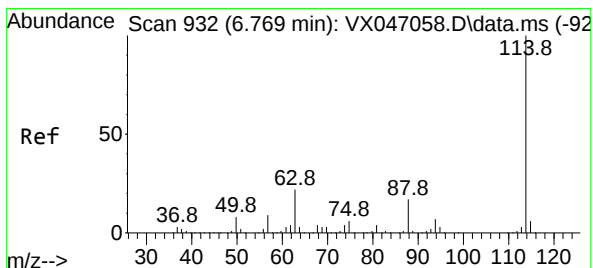
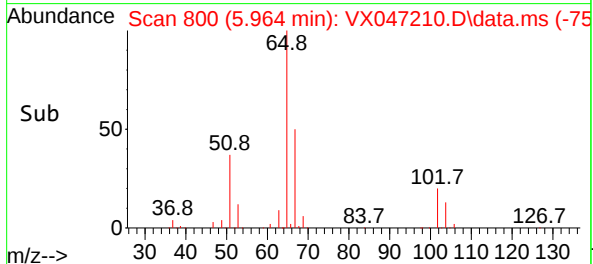
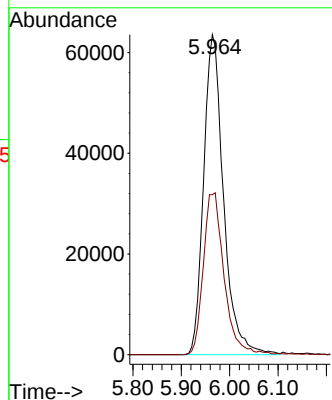
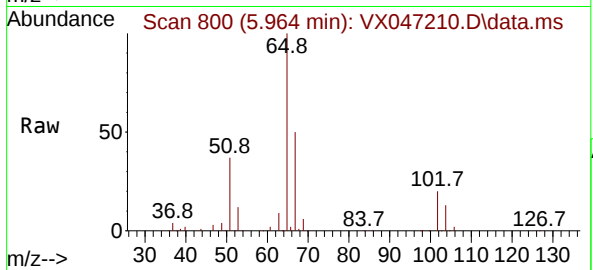




#33
1,2-Dichloroethane-d4
Concen: 43.769 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

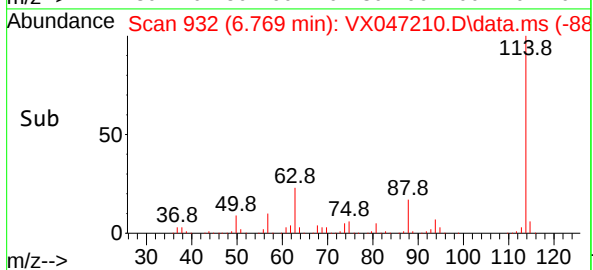
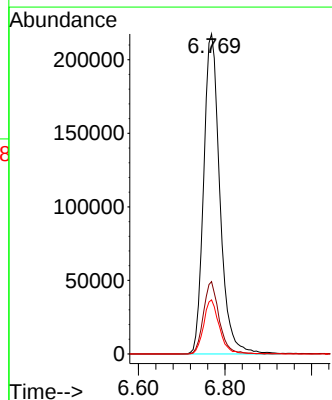
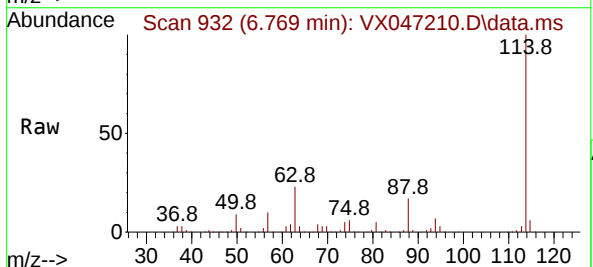
Instrument :
MSVOA_X
ClientSampleId :

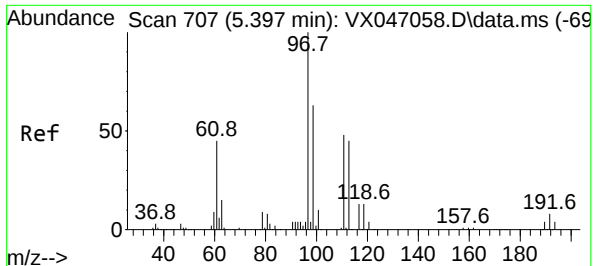
Tgt Ion: 65 Resp: 181771
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

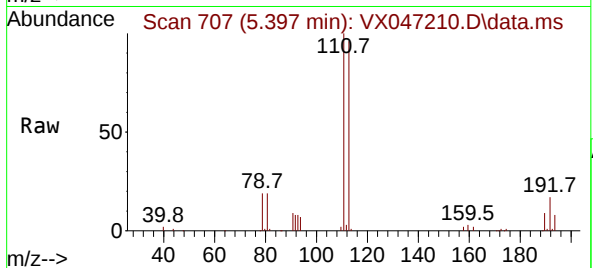
Tgt Ion: 114 Resp: 565049
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.2
88 16.9 0.0 33.8



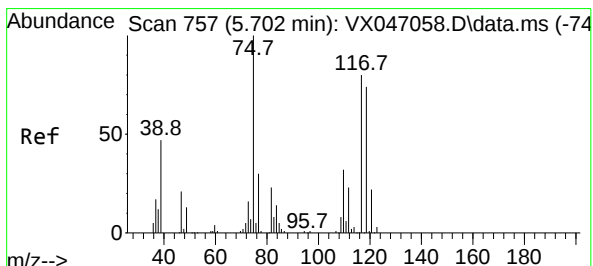
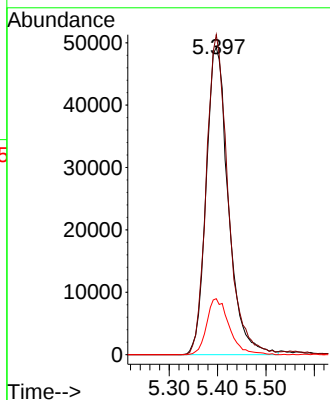
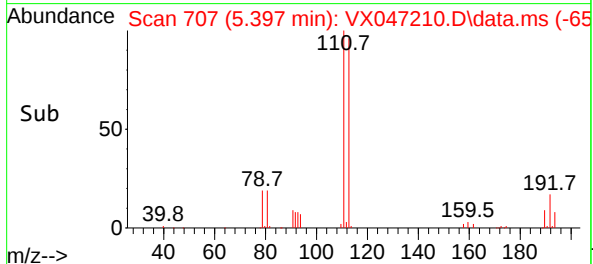


#35
Dibromofluoromethane
Concen: 45.122 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :

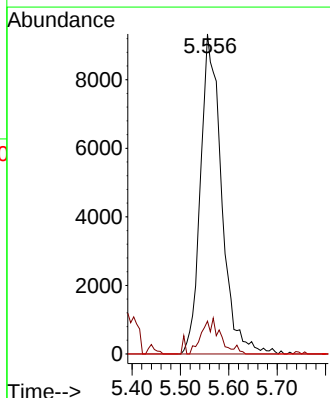
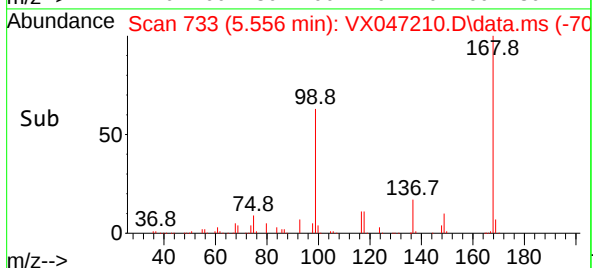
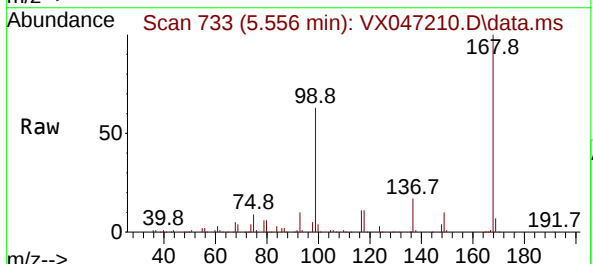


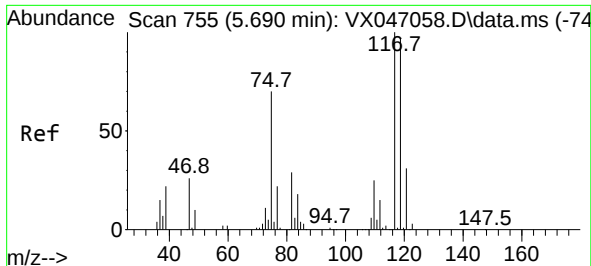
Tgt Ion:113 Resp: 157423
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.748 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

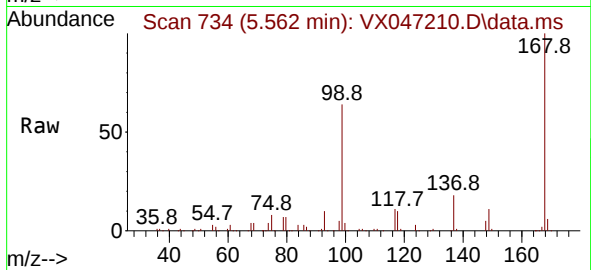
Tgt Ion: 75 Resp: 28234
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.5#
77 0.0 25.1 37.7#



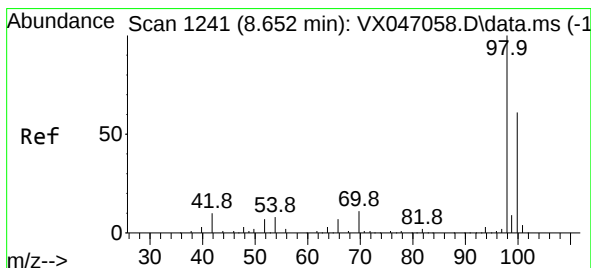
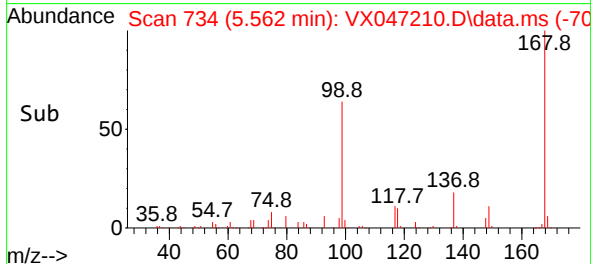
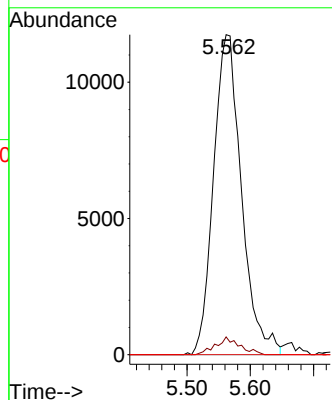


#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :

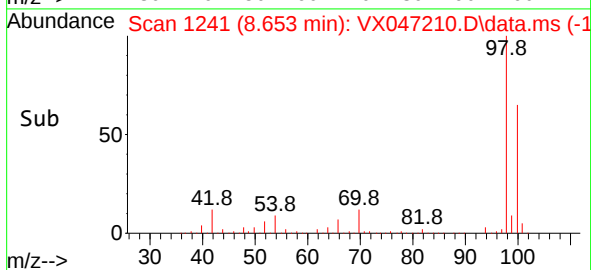
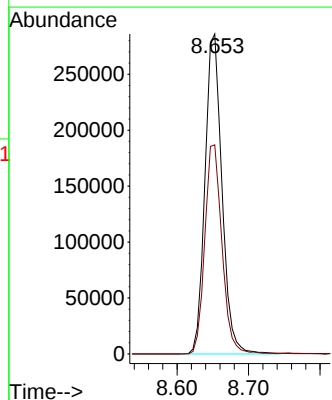
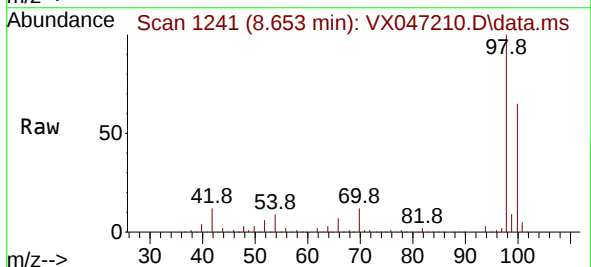


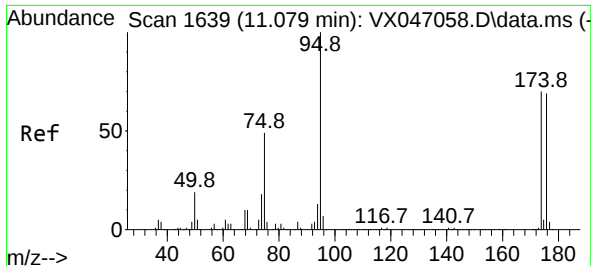
Tgt Ion:117 Resp: 35969
Ion Ratio Lower Upper
117 100
119 5.6 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 41.810 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

Tgt Ion: 98 Resp: 472391
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9

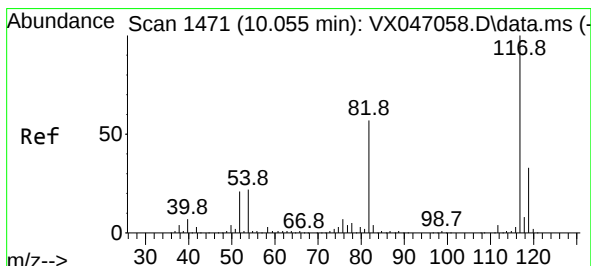
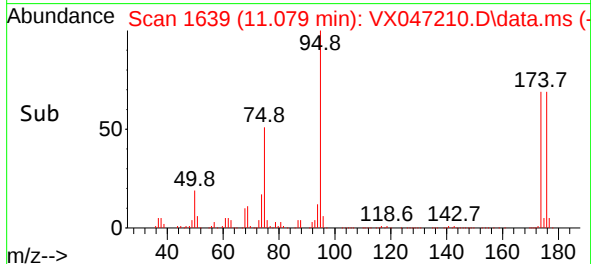
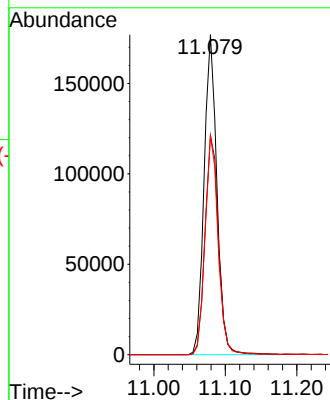
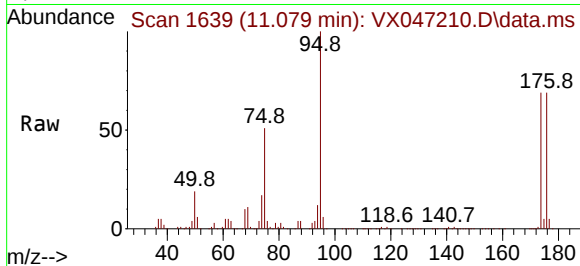




#62
4-Bromofluorobenzene
Concen: 45.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

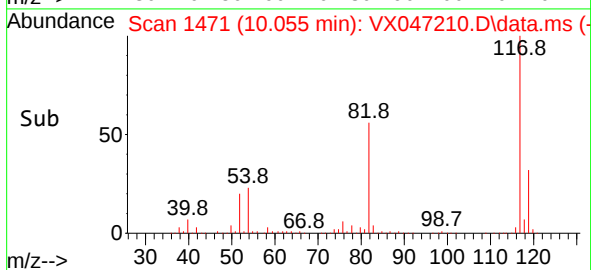
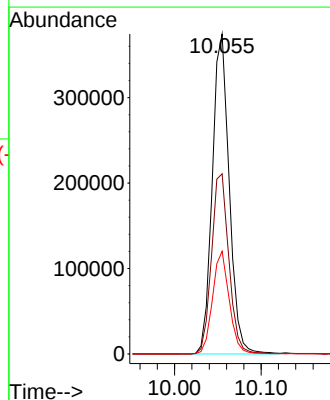
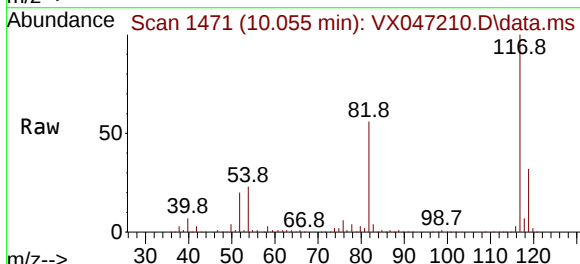
Instrument :
MSVOA_X
ClientSampleId :

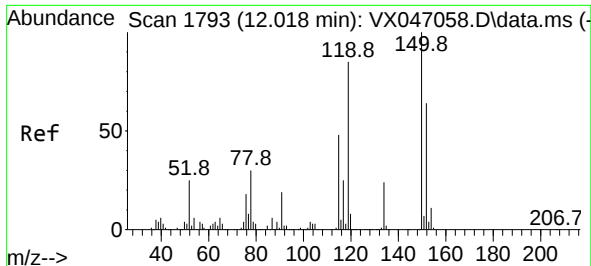
Tgt Ion: 95 Resp: 220529
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 69.8 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047210.D
Acq: 01 Aug 2025 16:44

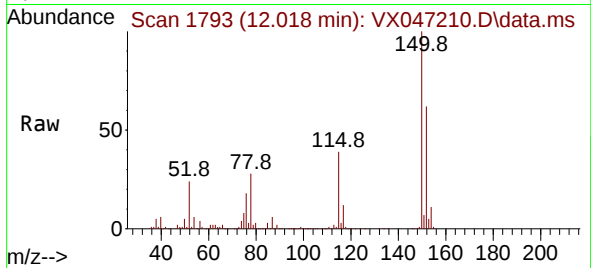
Tgt Ion: 117 Resp: 508954
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 32.1 26.1 39.1



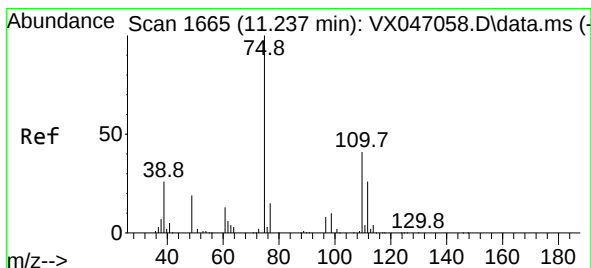
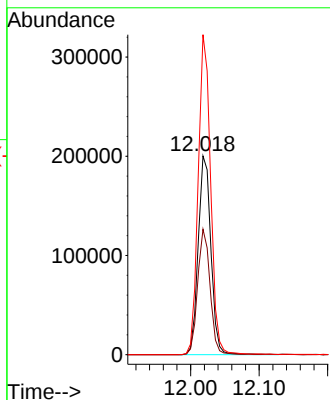
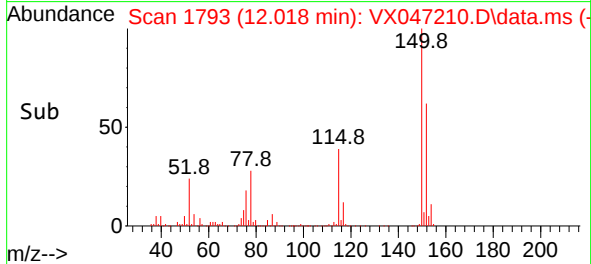


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047210.D
 Acq: 01 Aug 2025 16:44

Instrument :
 MSVOA_X
 ClientSampleId :

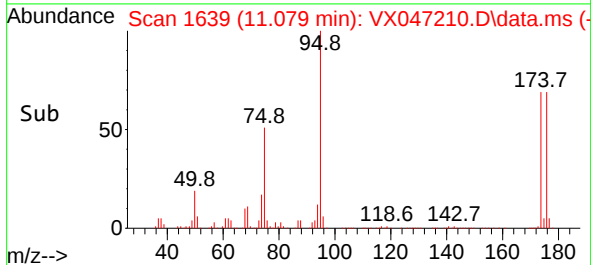
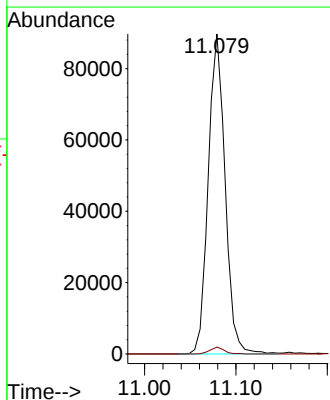
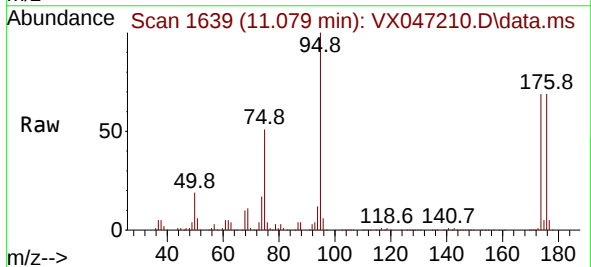


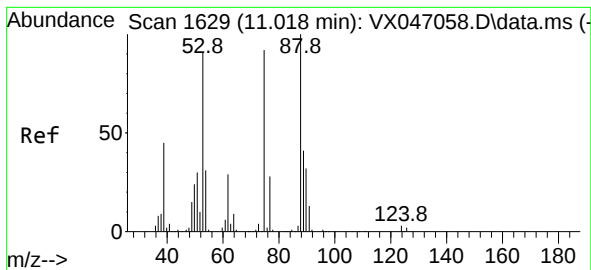
Tgt Ion:152 Resp: 259776
 Ion Ratio Lower Upper
 152 100
 115 61.6 45.6 136.7
 150 156.9 0.0 354.6



#76
 1,2,3-Trichloropropane
 Concen: 23.849 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX047210.D
 Acq: 01 Aug 2025 16:44

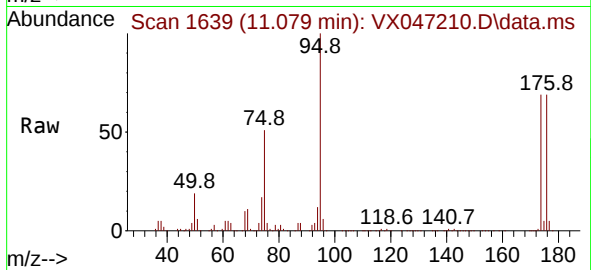
Tgt Ion: 75 Resp: 114673
 Ion Ratio Lower Upper
 75 100
 77 1.8 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.444 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX047210.D
 Acq: 01 Aug 2025 16:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 114673
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

